FIG.4

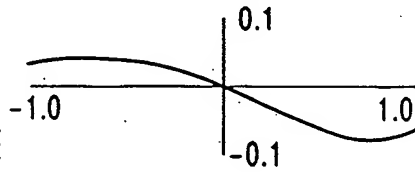|  | VERTICAL ANGLE OF INCIDENCE | Y DIRECTION | X DIRECTION |
|---|---|---|---|

VERTICAL ANGLE
OF INCIDENCE
    Ux   20.3
    Uy   26.3
HORIZONTAL ANGLE
OF INCIDENCE

VERTICAL ANGLE
OF INCIDENCE
    Ux   20.3
    Uy   0
HORIZONTAL ANGLE
OF INCIDENCE

VERTICAL ANGLE
OF INCIDENCE
    Ux   20.3
    Uy  -26.3
HORIZONTAL ANGLE
OF INCIDENCE

VERTICAL ANGLE
OF INCIDENCE
    Ux   0
    Uy   26.3
HORIZONTAL ANGLE
OF INCIDENCE

VERTICAL ANGLE
OF INCIDENCE
    Ux   0
    Uy   0
HORIZONTAL ANGLE
OF INCIDENCE

VERTICAL ANGLE
OF INCIDENCE
    Ux   0
    Uy  -26.3
HORIZONTAL ANGLE
OF INCIDENCE

# FIG.6

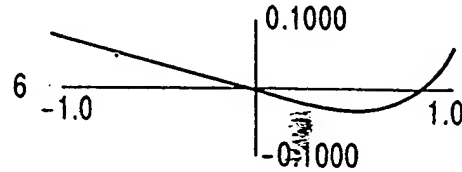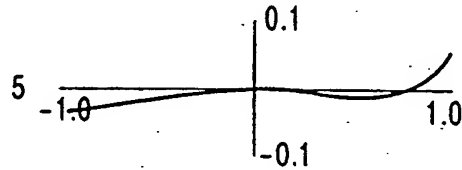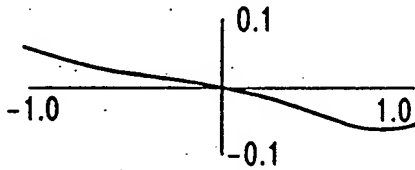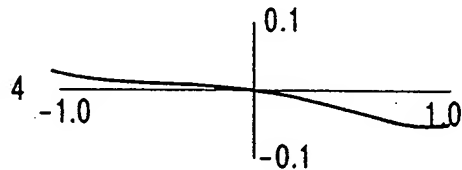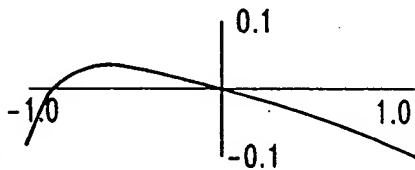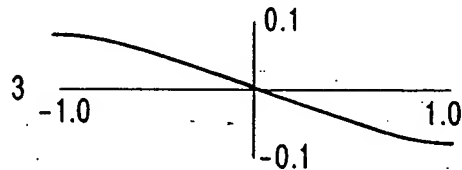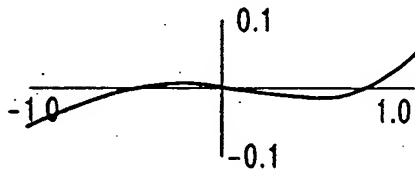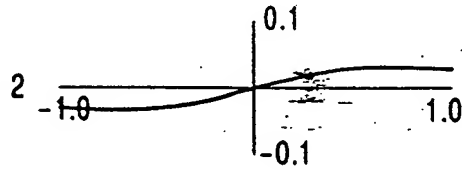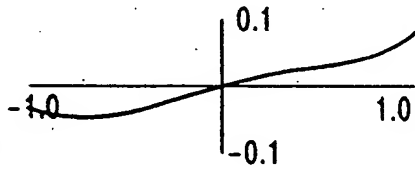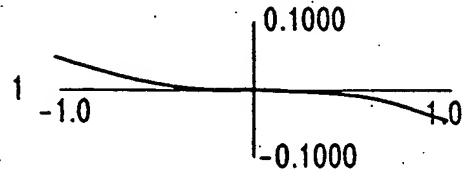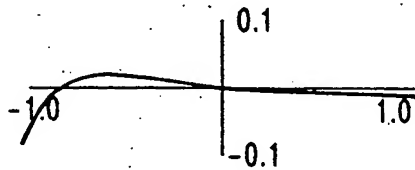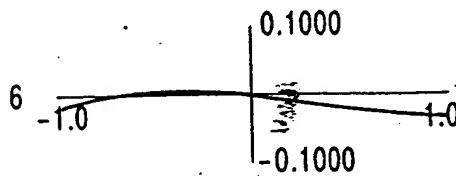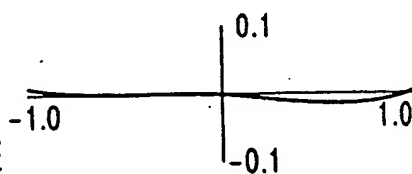|  | | Y DIRECTION | X DIRECTION |

**FIG. 6A**

VERTICAL ANGLE
OF INCIDENCE
$U_X$   24.8
$U_Y$   31.7
HORIZONTAL ANGLE
OF INCIDENCE

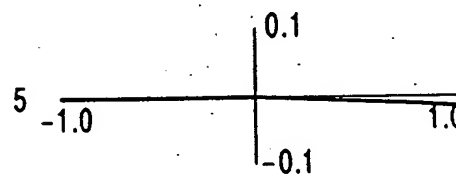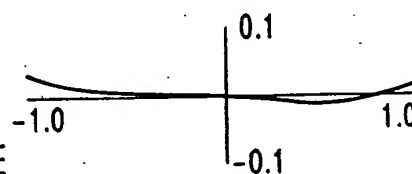0.1 / -1.0 / 1.0 / -0.1

0.1000 / -1.0 / 1.0 / -0.1000 / 6

**FIG. 6B**

VERTICAL ANGLE
OF INCIDENCE
$U_X$   24.8
$U_Y$   0
HORIZONTAL ANGLE
OF INCIDENCE

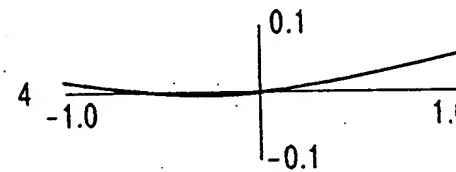0.1 / -1.0 / 1.0 / -0.1

0.1 / -1.0 / 1.0 / -0.1 / 5

**FIG. 6C**

VERTICAL ANGLE
OF INCIDENCE
$U_X$   24.8
$U_Y$   -31.7
HORIZONTAL ANGLE
OF INCIDENCE

0.1 / -1.0 / 1.0 / -0.1

0.1 / -1.0 / 1.0 / -0.1 / 4

**FIG. 6D**

VERTICAL ANGLE
OF INCIDENCE
$U_X$   0
$U_Y$   31.7
HORIZONTAL ANGLE
OF INCIDENCE

0.1 / -1.0 / 1.0 / -0.1

0.1 / -1.0 / 1.0 / -0.1 / 3

**FIG. 6E**

VERTICAL ANGLE
OF INCIDENCE
$U_X$   0
$U_Y$   0
HORIZONTAL ANGLE
OF INCIDENCE

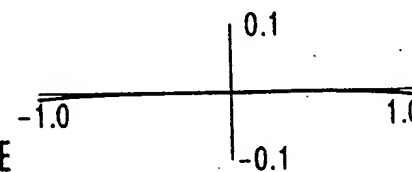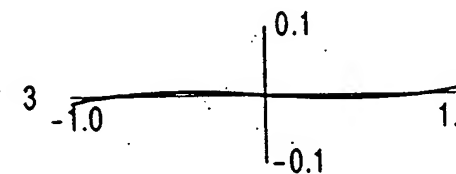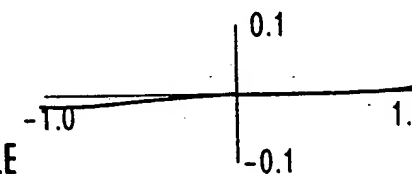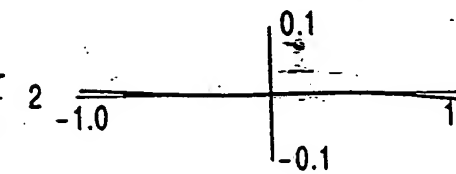0.1 / -1.0 / 1.0 / -0.1

0.1 / -1.0 / 1.0 / -0.1 / 2

**FIG. 6F**

VERTICAL ANGLE
OF INCIDENCE
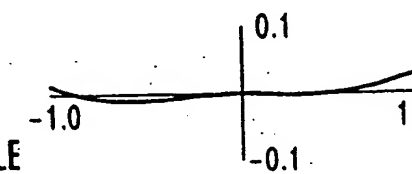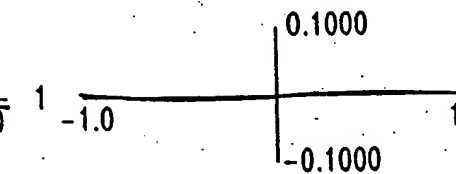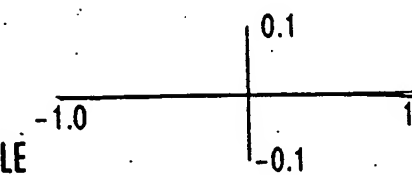$U_X$   0
$U_Y$   -31.7
HORIZONTAL ANGLE
OF INCIDENCE

0.1 / -1.0 / 1.0 / -0.1

0.1000 / -1.0 / 1.0 / -0.1000 / 1

# FIG.8

|  | | Y DIRECTION | X DIRECTION |

**FIG.8A**
VERTICAL ANGLE
OF INCIDENCE
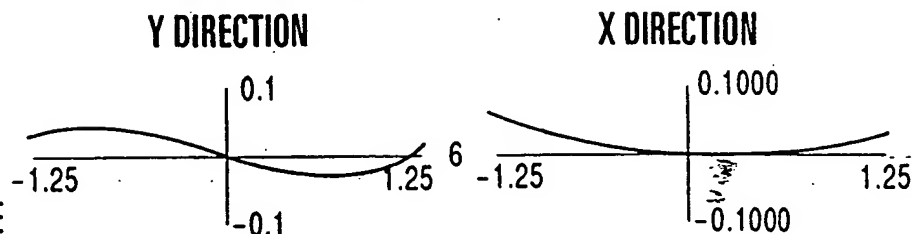 Ux  26.0
 Uy  20.0
HORIZONTAL ANGLE
OF INCIDENCE

**FIG.8B**
VERTICAL ANGLE
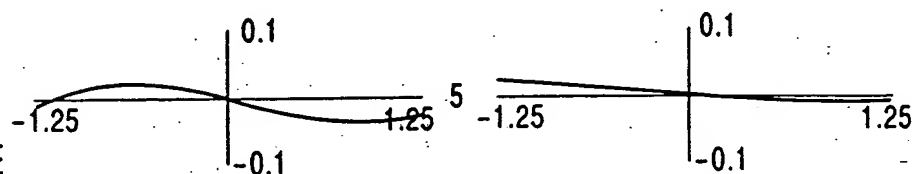OF INCIDENCE
 Ux  26.0
 Uy  0
HORIZONTAL ANGLE
OF INCIDENCE

**FIG.8C**
VERTICAL ANGLE
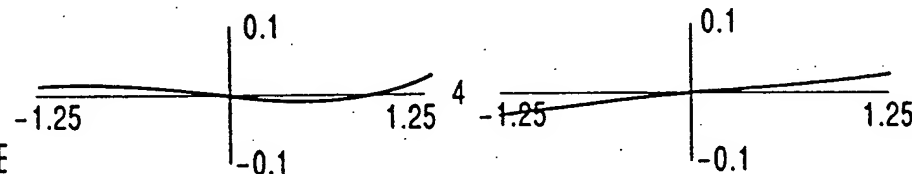OF INCIDENCE
 Ux  26.0
 Uy  -20.0
HORIZONTAL ANGLE
OF INCIDENCE

**FIG.8D**
VERTICAL ANGLE
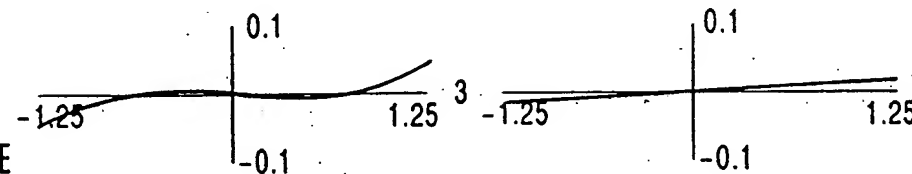OF INCIDENCE
 Ux  0
 Uy  20.0
HORIZONTAL ANGLE
OF INCIDENCE

**FIG.8E**
VERTICAL ANGLE
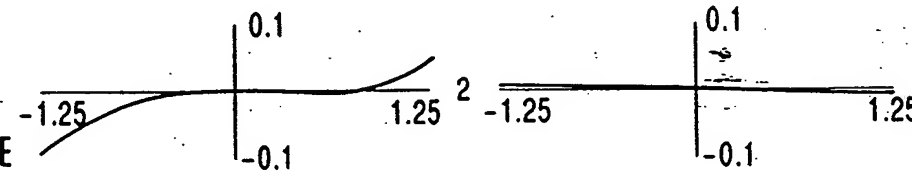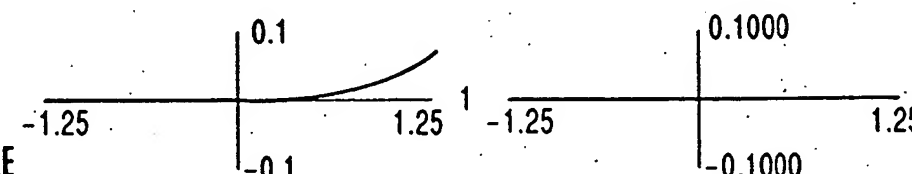OF INCIDENCE
 Ux  0
 Uy  0
HORIZONTAL ANGLE
OF INCIDENCE

**FIG.8F**
VERTICAL ANGLE
OF INCIDENCE
 Ux  0
 Uy  -20.0
HORIZONTAL ANGLE
OF INCIDENCE

# FIG.10
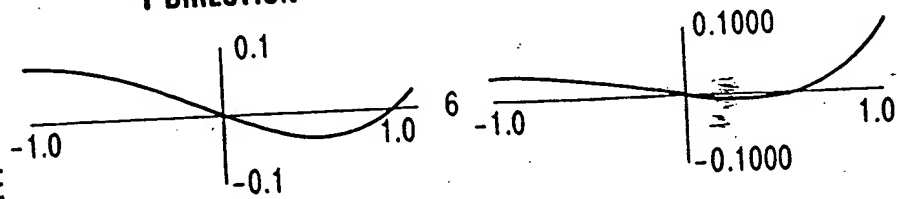
|  | Y DIRECTION | X DIRECTION |



FIG. 10A

VERTICAL ANGLE
OF INCIDENCE
 Ux   24.8
 Uy   31.7
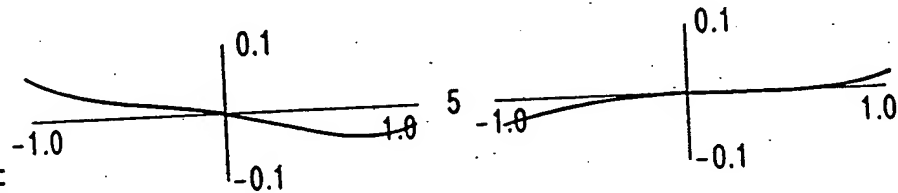HORIZONTAL ANGLE
OF INCIDENCE

FIG. 10B

VERTICAL ANGLE
OF INCIDENCE
 Ux   24.8
 Uy    0
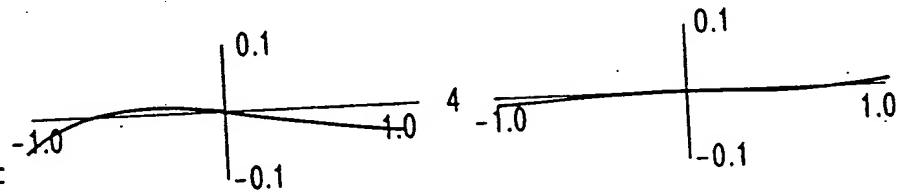HORIZONTAL ANGLE
OF INCIDENCE

FIG. 10C

VERTICAL ANGLE
OF INCIDENCE
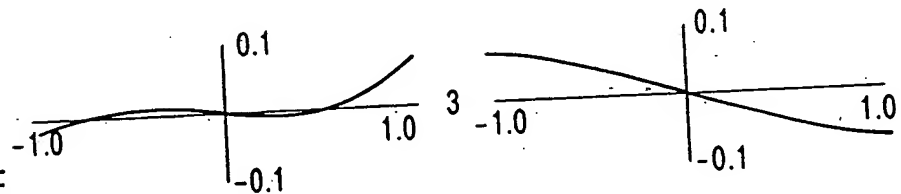 Ux   24.8
 Uy  -31.7
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 10D

VERTICAL ANGLE
OF INCIDENCE
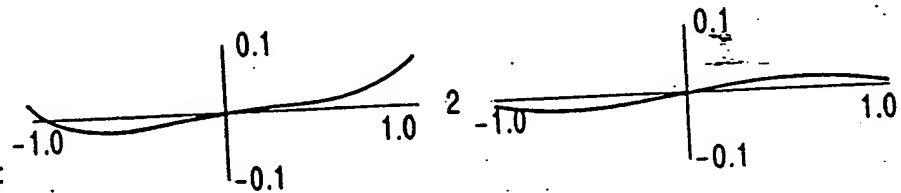 Ux    0
 Uy   31.7
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 10E

VERTICAL ANGLE
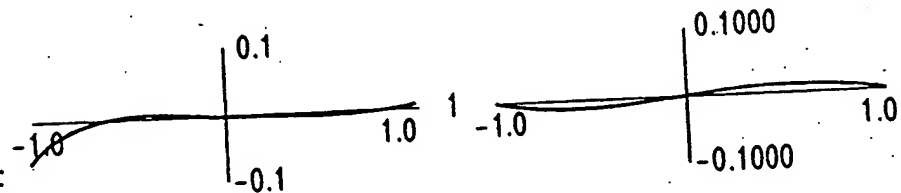OF INCIDENCE
 Ux    0
 Uy    0
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 10F

VERTICAL ANGLE
OF INCIDENCE
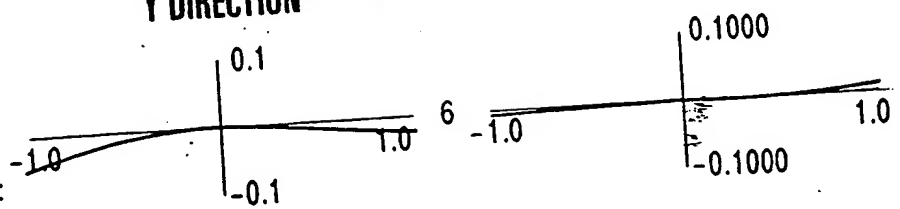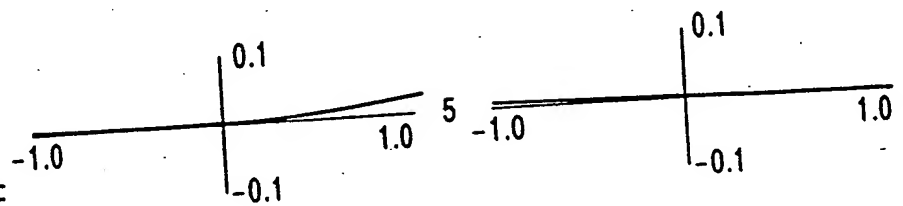 Ux    0
 Uy  -31.7
HORIZONTAL ANGLE
OF INCIDENCE

# FIGURE 13

|  | Y DIRECTION | X DIRECTION |
|---|---|---|

**VERTICAL ANGLE OF INCIDENCE**
Ux  22.0
Uy  28.4
**HORIZONTAL ANGLE OF INCIDENCE**

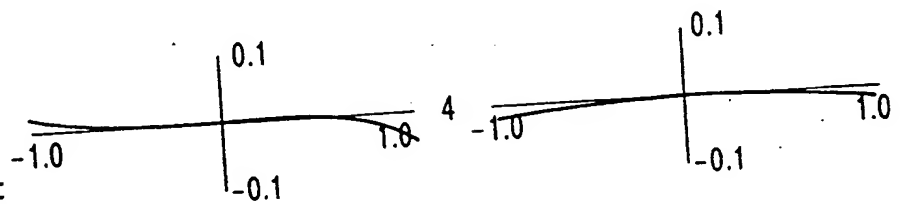**VERTICAL ANGLE OF INCIDENCE**
Ux  22.0
Uy  0
**HORIZONTAL ANGLE OF INCIDENCE**

**VERTICAL ANGLE OF INCIDENCE**
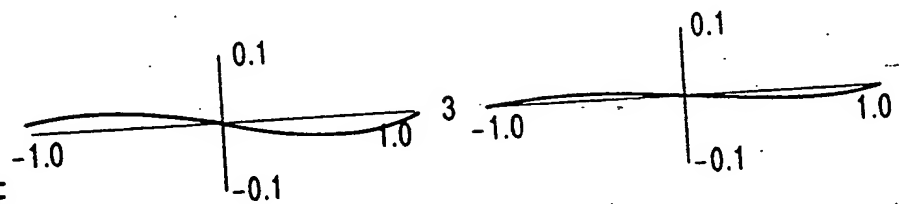Ux  22.0
Uy  -28.4
**HORIZONTAL ANGLE OF INCIDENCE**

**VERTICAL ANGLE OF INCIDENCE**
Ux  0
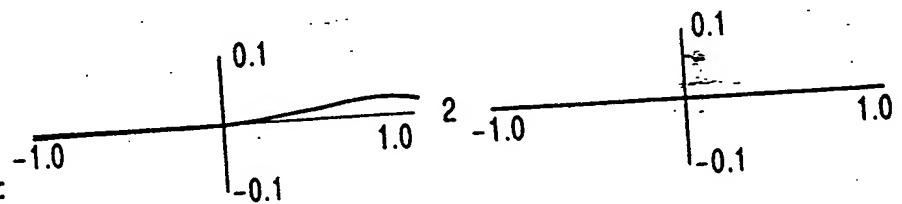Uy  28.4
**HORIZONTAL ANGLE OF INCIDENCE**

**VERTICAL ANGLE OF INCIDENCE**
Ux  0
Uy  0
**HORIZONTAL ANGLE OF INCIDENCE**

**VERTICAL ANGLE OF INCIDENCE**
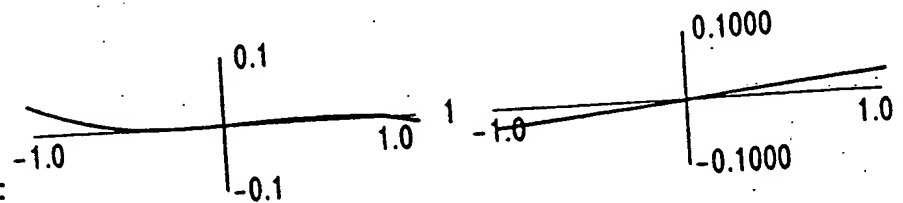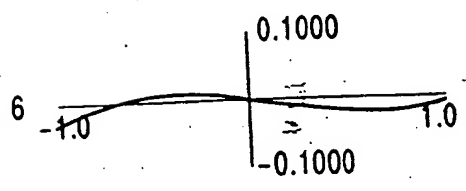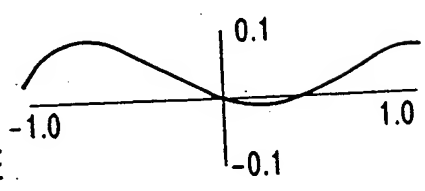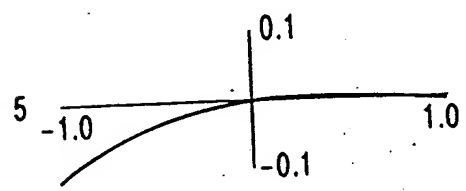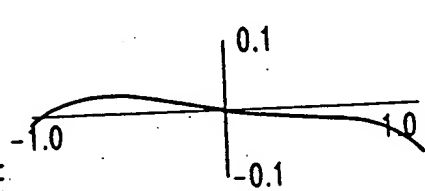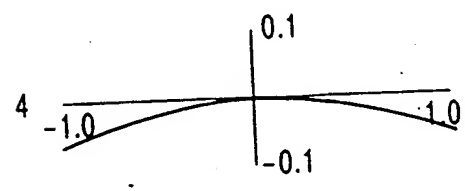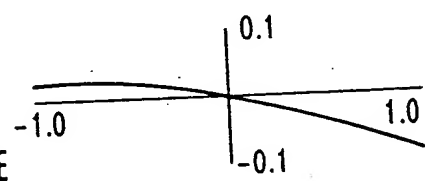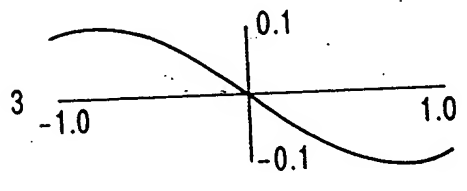Ux  0
Uy  -28.4
**HORIZONTAL ANGLE OF INCIDENCE**

FIG.15

|  | Y DIRECTION | X DIRECTION |
|---|---|---|

**FIG. 15A**

VERTICAL ANGLE
OF INCIDENCE
    Ux   20.0
    Uy   26.0
HORIZONTAL ANGLE
OF INCIDENCE

6

**FIG. 15B**

VERTICAL ANGLE
OF INCIDENCE
    Ux   20.0
    Uy   0
HORIZONTAL ANGLE
OF INCIDENCE

5

**FIG. 15C**

VERTICAL ANGLE
OF INCIDENCE
    Ux   20.0
    Uy   -26.0
HORIZONTAL ANGLE
OF INCIDENCE

4

**FIG. 15D**

VERTICAL ANGLE
OF INCIDENCE
    Ux   0
    Uy   26.0
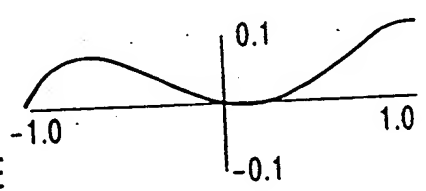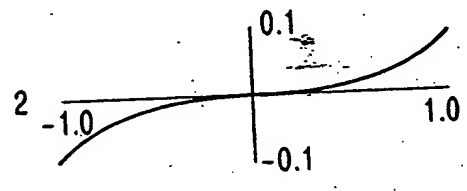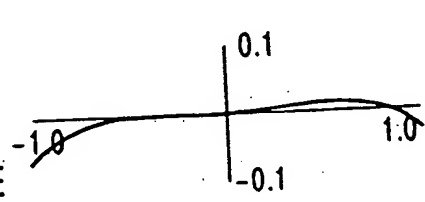HORIZONTAL ANGLE
OF INCIDENCE

3

VERTICAL ANGLE
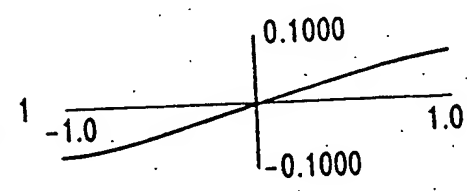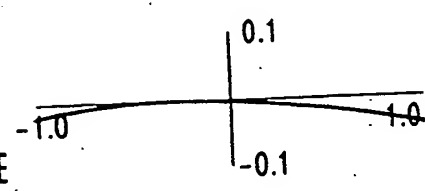OF INCIDENCE
    Ux   0
    Uy   0
HORIZONTAL ANGLE
OF INCIDENCE

2

VERTICAL ANGLE
OF INCIDENCE
    Ux   0
    Uy   -26.0
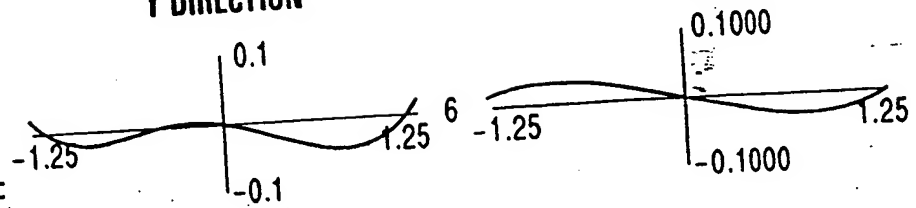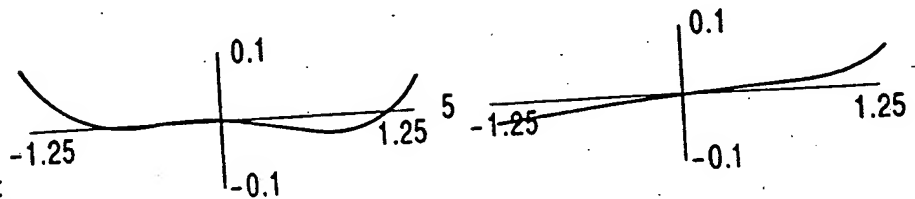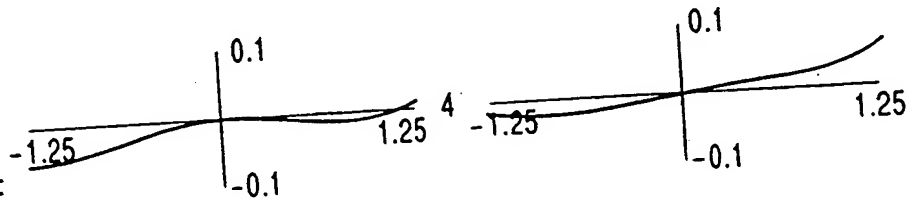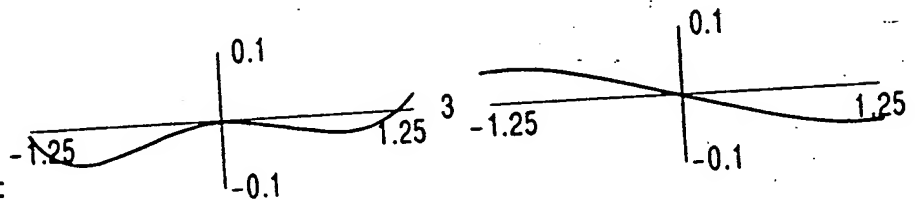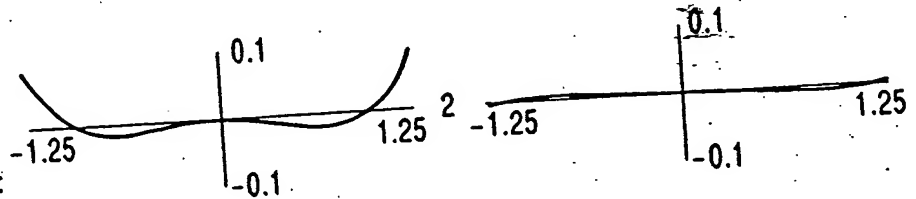HORIZONTAL ANGLE
OF INCIDENCE

1

FIG. 17

Y DIRECTION                    X DIRECTION

FIG. 17A
VERTICAL ANGLE
OF INCIDENCE
   Ux   20.0
   Uy   26.0
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 17B
VERTICAL ANGLE
OF INCIDENCE
   Ux   20.0
   Uy   0
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 17C
VERTICAL ANGLE
OF INCIDENCE
   Ux   20.0
   Uy   -26.0
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 17D
VERTICAL ANGLE
OF INCIDENCE
   Ux   0
   Uy   26.0
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 17E
VERTICAL ANGLE
OF INCIDENCE
   Ux   0
   Uy   0
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 17F
VERTICAL ANGLE
OF INCIDENCE
   Ux   0
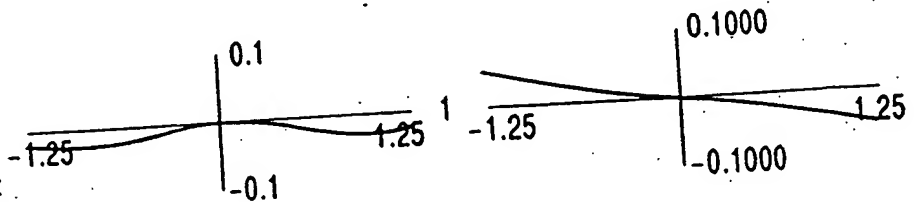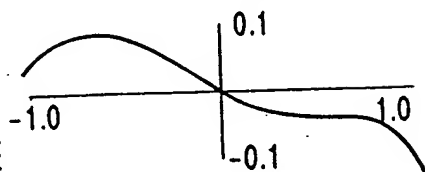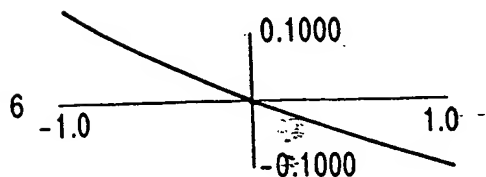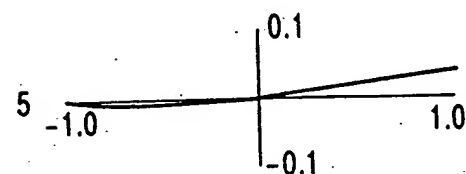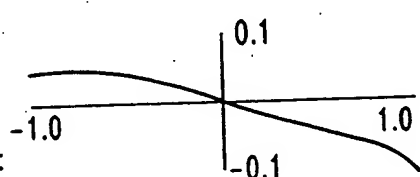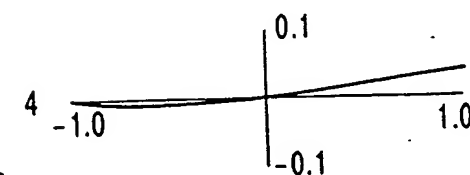   Uy   -26.0
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 19

Y DIRECTION X DIRECTION

FIG. 19A
VERTICAL ANGLE
OF INCIDENCE
Ux  20.3
Uy  26.3
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 19B
VERTICAL ANGLE
OF INCIDENCE
Ux  20.3
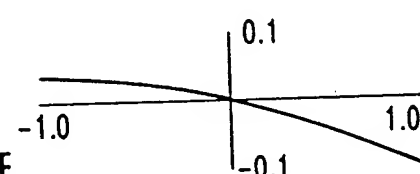Uy  0
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 19C
VERTICAL ANGLE
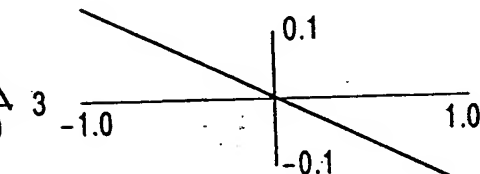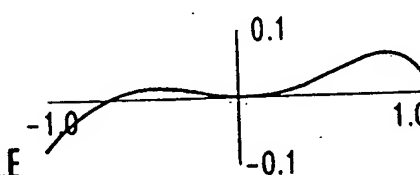OF INCIDENCE
Ux  20.3
Uy  -26.3
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 19D
VERTICAL ANGLE
OF INCIDENCE
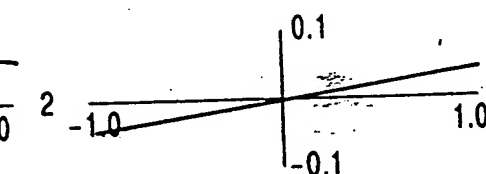Ux  0
Uy  26.3
HORIZONTAL ANGLE
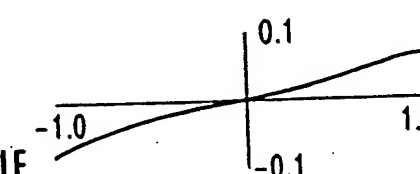OF INCIDENCE

FIG. 19E
VERTICAL ANGLE
OF INCIDENCE
Ux  0
Uy  0
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 19F
VERTICAL ANGLE
OF INCIDENCE
Ux  0
Uy  -26.3
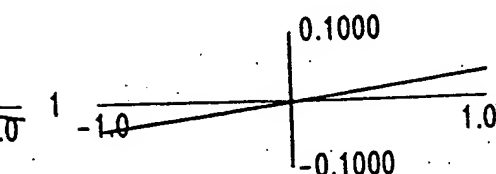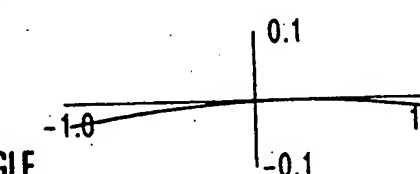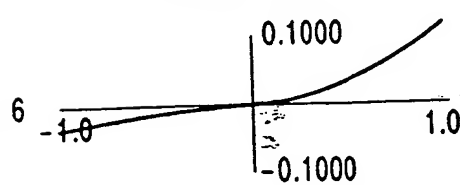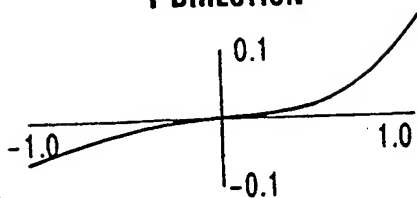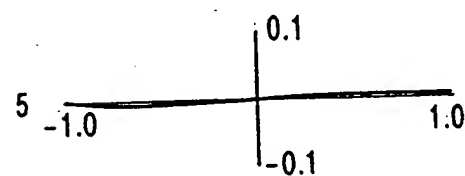HORIZONTAL ANGLE
OF INCIDENCE

FIG. 21

| | Y DIRECTION | X DIRECTION |
|---|---|---|

**FIG. 21A**

VERTICAL ANGLE
OF INCIDENCE
    U x   24.8
    U y   31.7
HORIZONTAL ANGLE
OF INCIDENCE

**FIG. 21B**

VERTICAL ANGLE
OF INCIDENCE
    U x   24.8
    U y   0
HORIZONTAL ANGLE
OF INCIDENCE

**FIG. 21C**

VERTICAL ANGLE
OF INCIDENCE
    U x   24.8
    U y   -31.7
HORIZONTAL ANGLE
OF INCIDENCE

**FIG. 21D**

VERTICAL ANGLE
OF INCIDENCE
    U x   0
    U y   31.7
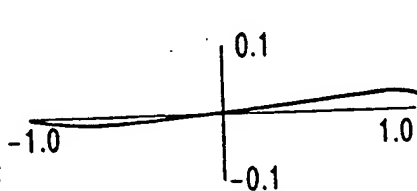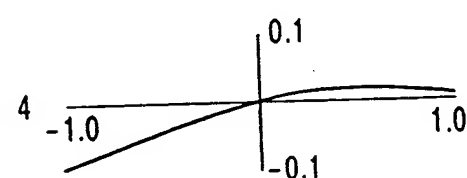HORIZONTAL ANGLE
OF INCIDENCE

VERTICAL ANGLE
OF INCIDENCE
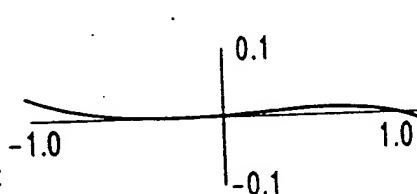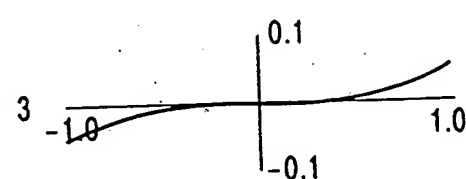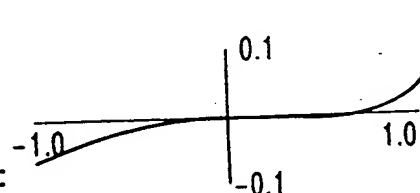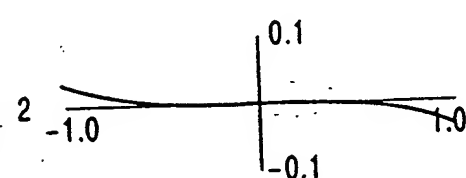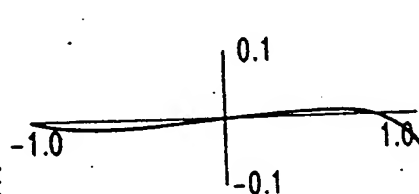    U x   0
    U y   0
HORIZONTAL ANGLE
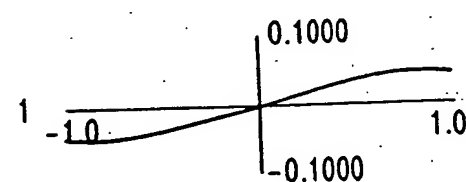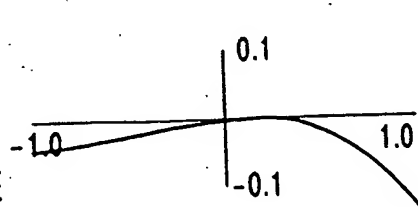OF INCIDENCE

VERTICAL ANGLE
OF INCIDENCE
    U x   0
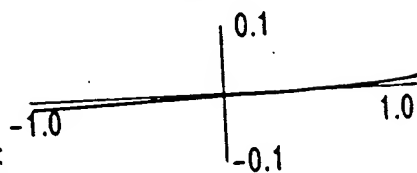    U y   -31.7
HORIZONTAL ANGLE
OF INCIDENCE

FIG. 23

| | Y DIRECTION | X DIRECTION |
|---|---|---|

**FIG. 23A**

VERTICAL ANGLE
OF INCIDENCE
   Ux  24.8
   Uy  31.7
HORIZONTAL ANGLE
OF INCIDENCE

**FIG. 23B**
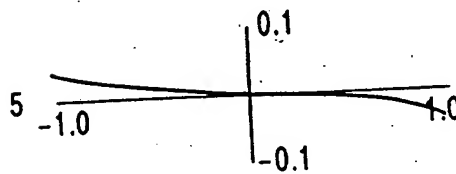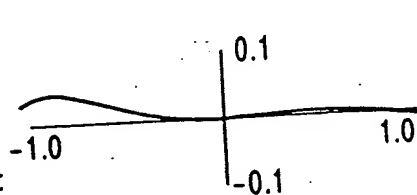
VERTICAL ANGLE
OF INCIDENCE
   Ux  24.8
   Uy   0
HORIZONTAL ANGLE
OF INCIDENCE

**FIG. 23C**
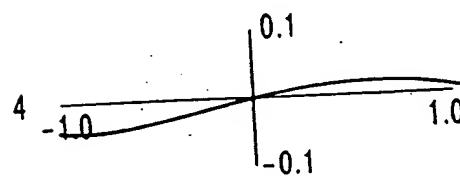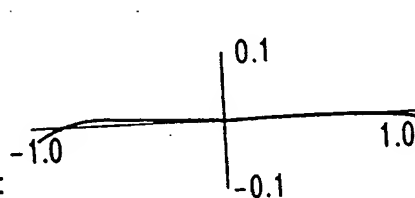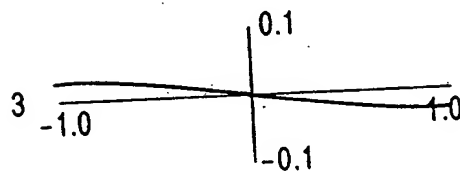
VERTICAL ANGLE
OF INCIDENCE
   Ux  24.8
   Uy  -31.7
HORIZONTAL ANGLE
OF INCIDENCE

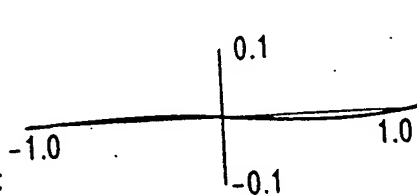**FIG. 23D**

VERTICAL ANGLE
OF INCIDENCE
   Ux   0
   Uy  31.7
HORIZONTAL ANGLE
OF INCIDENCE

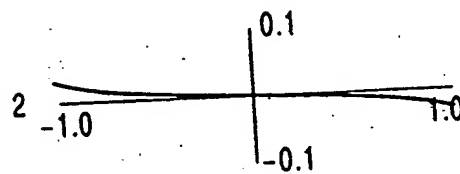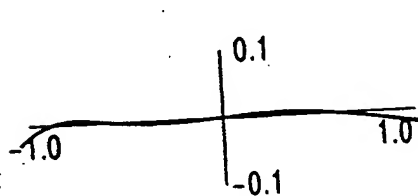**FIG. 23E**

VERTICAL ANGLE
OF INCIDENCE
   Ux   0
   Uy   0
HORIZONTAL ANGLE
OF INCIDENCE

**FIG. 23F**

VERTICAL ANGLE
OF INCIDENCE
   Ux   0
   Uy  -31.7
HORIZONTAL ANGLE
OF INCIDENCE